

**IN THE CLAIMS**

Please amend the claims as follows:

1. (Currently amended) A beneficial material for medical application in association with a substrate comprising:

- a support material comprising at least one material chosen from Nasicon, Nafion, ionomers, Cu-Nasicon, Cu-Nafion, Ag-Nasicon, Ag-Nafion, Au-Nasicon, Au-Nafion, I<sub>2</sub>-Anion membrane, Br<sub>2</sub>-Anion membranes, and combinations thereof;

- a reactive material associated with the support material;

wherein the reactive material is selected from the group comprising water insoluble peroxides and water insoluble excess oxygen containing compounds.

2. (Cancelled).

3. (Currently amended) The beneficial material of claim 1 wherein [[a]] the substrate may comprises one of the group consisting of: formulations in a paste, putty, epoxy, adhesive, glue, spray or tar form for topical application, wound healing devices, prosthetic devices and other implantable devices.

4. (Original) The beneficial material of claim 1 wherein the water insoluble peroxides comprise one of the group consisting of: MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

5. (Withdrawn) The beneficial material of claim 1 wherein the water insoluble excess oxygen containing compounds comprise one of the group consisting of perovskites of

$\text{La}_2\text{NiO}_{4+\delta}$ ,  $\text{La}_2\text{CuO}_{4+\delta}$ ,  $\text{CeNiO}_{4+\delta}$ , and  $\text{Ce}_2\text{CuO}_{4+\delta}$ .

6. (Withdrawn) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal said

substrate comprising at least one material chosen from Nasicon, polymer membranes, ionomers,

Cu-Nasicon, Cu-polymer membrane, Ag-Nasicon, Ag-polymer membranes, Au-Nasicon, Au-

polymer membranes,  $\text{I}_2$ -Anion membrane,  $\text{Br}_2$ -Anion membranes, and combinations thereof; and

- a reactive material associated with the substrate, wherein the reactive material is

selected from the group comprising comprises water insoluble peroxides and water insoluble

excess oxygen containing compounds.

7. (Withdrawn) The wound healing device of claim 6 wherein the substrate comprises one

of a woven pad and a gauze pad.

8. (Withdrawn) A method of incorporating a beneficial material to a fluid or semi-solid

substrate comprising the steps of:

- providing a fluid or semi solid substrate;

- providing the beneficial material; and

- mixing the beneficial material within the substrate, wherein the beneficial material is

insoluble selected from the group comprising water insoluble peroxides and water insoluble

excess oxygen containing compounds.

9. (Withdrawn) The method of claim 8 further comprising the step of granulating the

beneficial material.

10. (Withdrawn) The method of claim 9 wherein the substrate may comprise one of the group consisting of paint, epoxy, adhesive, glue and tar.

11-14 (Cancelled).

15. (Withdrawn) A beneficial material for medical application in association with a substrate comprising:

- a support material; and
  - a water insoluble reactive material associated with the support material,
- wherein the reactive material comprises at least one peroxide chosen from MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

16. (Withdrawn) A beneficial material for medical application in association with a substrate comprising:

- a support material; and
  - a reactive material associated with the support material,
- wherein the reactive material comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of La<sub>2</sub>NiO<sub>4+δ</sub>, La<sub>2</sub>CuO<sub>4+δ</sub>, CeNiO<sub>4+δ</sub>, and Ce<sub>2</sub>CuO<sub>4+δ</sub>.

17. (Withdrawn) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal; and

- a water insoluble reactive material associated with the substrate, wherein the reactive material comprises at least one peroxide chosen from MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

18. (Withdrawn) A wound healing device comprising:

- a substrate capable of association with a wound of a human or other animal; and

- a reactive material associated with the substrate, wherein the reactive material comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of La<sub>2</sub>NiO<sub>4+δ</sub>, La<sub>2</sub>CuO<sub>4+δ</sub>, CeNiO<sub>4+δ</sub>, and Ce<sub>2</sub>CuO<sub>4+δ</sub>.

19. (Withdrawn) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;

- providing the beneficial material; and

- mixing the beneficial material within the substrate, wherein the beneficial material is water insoluble and comprises at least one peroxide chosen from MgO<sub>2</sub>, BaO<sub>2</sub>, SnO<sub>2</sub>, AgO, CaO<sub>2</sub>, CuO<sub>2</sub> and ZnO<sub>2</sub>.

20. (Withdrawn) A method of incorporating a beneficial material to a fluid or semi-solid substrate comprising the steps of:

- providing a fluid or semi solid substrate;

- providing the beneficial material; and

- mixing the beneficial material within the substrate, wherein the beneficial material comprises at least one water insoluble excess oxygen containing compound chosen from perovskites of  $\text{La}_2\text{NiO}_{4+\delta}$ ,  $\text{La}_2\text{CuO}_{4+\delta}$ ,  $\text{CeNiO}_{4+\delta}$ , and  $\text{Ce}_2\text{CuO}_{4+\delta}$ .

21. (New) The beneficial material of claim 1 wherein the substrate comprises putty.
22. (New) The beneficial material of claim 1 wherein the substrate comprises, epoxy.
23. (New) The beneficial material of claim 1 wherein the substrate comprises adhesive.
24. (New) The beneficial material of claim 1 wherein the substrate comprises a spray.